AMENDMENTS TO THE CLAIMS

This listing of claim will replace all prior versions and listings of claim in the application.

1. (Currently amended) A method of managing facilities data, the method being executable by a host computer system comprising:

adding a first graphical element comprising a CAD element, area or sub area to an image displayed on a monitor of a first computer system;

displaying a graphical user interface on the monitor of the first computer system, wherein the graphical user interface is configured for:

receiving non-graphical information associated with the first graphical element including a component specification, and

linking information for at least one component specification to a second component specification or a CAD element, area or sub-area, the graphical user interface capable of linking information to both a second component specification and a CAD element, area or sub-area;

entering a component specification into the graphical interface comprising at least one non-graphical data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute into the graphical user interface; and

the first computer system transmitting said component specification including the non-graphical data element and said data element representing a non-physical and non-functional attribute to a database for storage as a data unit therein via internet communication.

2. (original) The method of claim 1 wherein the first computer system comprises a CAD computer system and wherein the first graphical element comprises a first CAD graphical element.

3. (previously presented) The method of claim 1 wherein the graphical user interface comprises a plurality of fields, wherein the component specification comprises a plurality of non-graphical information components, and wherein entering the component specification into the

graphical user interface comprises entering the plurality of non-graphical information components into the plurality of fields of the graphical user interface.

4. (previously presented) The method of claim 1 further comprising:

the first computer system receiving, via internet communication, component specification list data, wherein specification list data represents a list of specifications displayable on the monitor of the first computer system, wherein each specification of the list represents a data unit stored in the database in data communication with the first computer system, wherein each data unit contains data representing non-graphical information;

the first computer system displaying the list of specifications;

adding a second graphical element to the image displayed on the monitor of the first computer system;

the first computer system transmitting second graphical element data to the database for storage therein via internet communication, wherein the second graphical element data represents the second graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that one of the data units stored in the database is to be linked within the database to the second graphical element data after the second graphical element data is stored in the database.

5. (Currently amended) A method of organizing and storing data comprising:

a first computer system receiving, via internet communication, specification list data, wherein specification list data represents a list of at least one specification displayable on a monitor of the first computer system, wherein said specification list data includes at least one non-graphical data element representing a ~~non-~~physical or ~~and non-~~functional attribute<<,>> and at least one data element representing a non-physical or~~and~~ non-functional attribute comprising a data unit for each specification, said specification list data stored in a database in internet communication with the first computer system;

the first computer system displaying the list of the at least one specifications through a

graphical user interface, the graphical user interface configured for:

receiving non-graphical information associated with a selected graphical element including a component specification, and

linking information for at least one component specification to a second component specification or a CAD element, area or sub-area, the graphical user interface capable of linking information to both a second component specification and a CAD element, area or sub-area;

the first computer system adding a graphical element to a computer input, the graphical element displayed on the monitor of the first computer system and comprising a CAD element, area or sub area;

the first computer system transmitting graphical element data to the database for storage therein via internet communication, wherein the graphical element data represents the graphical element; and

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that said at least one specification represented by said specification list data stored in the database is to be linked within the database to the graphical element data after the graphical element data is stored in the database.

6. (Currently amended) A method operating on a processor comprising:

a computer system receiving a first graphical element data via internet communication from a first computer system, wherein the first graphical element data represents a first graphical element which is displayable on a monitor of the first computer system, the first graphical element comprising a CAD element, area or sub area;

the computer system storing the first graphical element data into a database in data communication with the computer system;

the computer system receiving and storing within the database a data unit including a first non-graphical data element representing a physical or functional attribute and a data element representing a non-physical or non-functional attribute via internet communication from the first computer system, said non-graphical data element associated with the first graphical element; and

creating a link within the database between ~~the first graphical element data and~~ the ~~first non-graphical~~ data unit and a first graphical element or a second data unit, wherein the link can be created between either the first graphical element or the second data unit, in the database wherein the ~~first non-graphical~~ data unit stores first non-graphical information data.

7. (previously presented) The method of claim 6 further comprising:

the computer system transmitting the first graphical element data to a second computer system via internet communication;

the computer system transmitting the first non-graphical data unit to the second computer system via internet communication.

8. (Amended) The method of claim 6 further comprising:

a computer system receiving second graphical element data via internet communication from a second computer system, wherein the second graphical element data represents a second graphical element which is displayable on a monitor of the second computer system;

the computer system storing the second graphical element data into the database;

creating a link within the database between the second graphical element data and the first data unit after the second graphical element data is stored in the database.

9. (original) The method of claim 6 further comprising the computer system sending, via internet communication, list data to the first computer system, wherein the list data represents a list of non-graphical data units in the database, wherein each non-graphical data unit stores non-graphical information data, wherein the list of non-graphical data units includes the first non-graphical data unit.

10. (Currently amended) The method of claim 6 further comprising:

the computer system receiving an additional non-graphical ~~information~~ data element from a second computer system via internet communication;

the computer system storing the additional non-graphical ~~information~~ data element in the first

non-graphical data unit.

11. (original) The method of claim 6 further comprising the computer system storing the first graphical element data in a first graphical data unit in the database, wherein the first graphical data unit stores additional graphical element data.

12. (original) The method of claim 6 wherein the first non-graphical information data represents information displayable in fields of an interface, wherein the interface is displayable on a monitor of the first computer system.

13. (original) The method of claim 6 wherein the first non-graphical data unit is linked within the database to a second non-graphical data unit in the database.

14. (Currently amended) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming a processor to perform a method comprising:

a computer system receiving a data unit including at least one data element representing a non-graphical data element representing physical or functional attribute and at least one data element representing a non-physical and non-functional attribute via a network interface from a first computer system, the data unit associated with a first graphical element comprising a CAD element, area or sub-area, the computer system receiving the data unit through a graphical user interface, the graphical user interface configured for:

receiving non-graphical information associated with a selected graphical element including a component specification, and

linking information for at least one component specification to a second component specification or a CAD element, area or sub-area, the graphical user interface capable of linking information to both a second component specification and a CAD element, area or sub-area;

the computer system updating ~~thea~~ database, wherein said data unit which includes at least

one data element representing a physical or a functional attribute is stored in the database.

15. (Currently amended) The method of claim 14 further comprising:

linking said at least one data element representing a physical or a functional attribute within the database to a first graphical element data stored in the database.

16. (Currently amended) The method of claim 15~~12~~ further comprising the computer system transmitting data representing a first component specification to a second computer system via internet communication, wherein data representing the first component specification comprises data representing non-graphical information, wherein the data representing the first component specification is transmitted after the ~~database~~ said step of linking said at least one data element ~~is created~~.

17. (Currently amended) The method of claim 16 further comprising the computer system receiving and modifying the non-graphical information displayed in ~~the~~ fields of an~~the~~ interface.

18. (Currently amended) A method comprising:

a database receiving and storing first CAD element data generated by a first computer system in data communication with the database, wherein the first CAD element data represents a first CAD element, area or sub-area displayable on a monitor;

a database receiving and storing, as a component specification comprising a single data unit, at least one non-graphical data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute; and

creating a link in the database between the stored first CAD element data and one of a plurality of component specifications stored in the database, wherein the data base is capable of linking one of the plurality of component specifications to a second of the plurality of component specifications.

19. (original) The method of claim 18 wherein the first computer system is coupled to the database via the Internet.

20. (previously amended) A memory storing instructions for instructing a processor to perform steps executable by a first computer system to enable a method, the method comprising:

a first computer system displaying a graphical user interface on a monitor of the first computer system, wherein the graphical user interface is configured for receiving non-graphical information associated with a graphical element, the graphical element comprising a CAD element, area or sub area, the graphical user interface configured for:

receiving non-graphical information associated with a selected graphical element including a component specification, and

linking information for at least one component specification to a second component specification or a CAD element, area or sub-area, the graphical user interface capable of linking information to both a second component specification and a CAD element, area or sub-area;

adding a first graphical element to an image displayed on a monitor of the first computer system;

entering at least one data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute into the graphical user interface, wherein said at least one data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute are non-graphical data;

the first computer system transmitting said non-graphical data to a database for storage as a data unit therein via internet communication, wherein said non-graphical data describes the first graphical element;

the first computer system transmitting first non-graphical information data to the database for storage therein via internet communication, wherein the first non-graphical information comprises a

component specification including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute.

21. (original) The memory of claim 20 wherein the first computer system comprises a CAD computer system and wherein the first graphical element comprises a first CAD graphical element.

22. (original) The memory of claim 20 wherein the graphical user interface comprises a plurality of fields, wherein the first non-graphical information comprises a plurality of non-graphical information components, and wherein entering first non-graphical information into the graphical user interface comprises the plurality of non-graphical information components into the plurality of fields, respectively, of the graphical user interface.

23. (previously presented) The memory of claim 20 wherein the method further comprises:

the first computer system receiving, via internet communication, specification list data, wherein specification list data represents a list of specifications displayable on the monitor of the first computer system, wherein each specification of the list represents a data unit stored in the database in data communication with the first computer system, wherein each data unit contains data representing non-graphical information including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical or non-functional attribute;

the first computer system displaying the list of specifications;

adding a second graphical element to the image displayed on the monitor of the first computer system;

the first computer system transmitting second graphical element data to the database for storage therein via internet communication, wherein the second graphical element data represents the second graphical element;

the first computer system transmitting link data to the database via internet communication,

wherein the link data indicates that one of the data units stored in the database is to be linked within the database to the second graphical element data after the second graphical element data is stored in the database.

24. (Currently amended) A memory for storing instructions executable by a first computer system to enable a method, the method comprising:

a first computer system receiving, via internet communication, specification list data, wherein specification list data represents at least one specification displayable on a monitor of the first computer system, wherein said specification list data contains at least one non-graphical data element representing a non-physical and non-functional attribute, and at least one data element representing a non-physical and non-functional attribute, said specification list data stored in a database as a data unit in internet communication with the first computer system;

the first computer system displaying the list of specifications through a graphical user interface, the graphical user interface configured for:

receiving non-graphical information associated with a selected graphical element including a component specification, and

linking information for at least one component specification to a second component specification or a CAD element, area or sub-area, the graphical user interface capable of linking information to both a second component specification and a CAD element, area or sub-area;

the first computer system adding a graphical element to a computer input, the graphical element displayed on the monitor of the first computer system and comprising a CAD element, area or sub area;

the first computer system transmitting graphical element data to the database for storage therein via internet communication, wherein the graphical element data represents the graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that said at least one specification represented by said specification list data stored in the database is to be linked within the database to the graphical element data after

the graphical element data is stored in the database.

25. (Previously presented) A memory for storing instructions executable by a computer system to enable a method, the method comprising:

a computer system receiving a first graphical element data via internet communication from a first computer system, wherein the first element data represents a first graphical element which is displayable on a monitor of the first computer system and comprising a CAD element, area or sub area;

the computer system storing the first graphical element data into a database in data communication with the computer system;

the computer system receiving and storing within the database a first non-graphical data element representing a physical or functional attribute via internet communication from the first computer system; and

creating a link within the database between the first graphical element data and a first non-graphical data unit in the database after the first graphical element data is stored in the database, wherein the first non-graphical data unit stores first non-graphical information including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical or non-functional attribute, the database able to link the first non-graphical data unit to the first graphical element data or a second graphical data unit in response to information received from the computer system.

26. (Currently amended) A memory for storing instructions executable by a computer system to enable a method, the method comprising:

a database receiving and storing first CAD element data generated by a first computer system in data communication with the database, wherein the first CAD element data represents a first CAD element, area or sub-area displayable on a monitor;

the database receiving and storing second CAD element data generated by a second computer system in data communication with the database, wherein the second CAD element data represents a second CAD element displayable on the monitor;

athe database receiving and storing, as each of a plurality of component specifications as a data unit, wherein each component specification includes at least one non-graphical data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute, each of said non-graphical data elements associated with a CAD element; and

creating a link in the database between the stored second CAD element data and the one of the plurality of component specifications stored in the database, the database able to link a first component specification of the plurality of component specifications to the second CAD element data or a second component specification of the plurality of component specifications in response to information received from the first computer system.